

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

APPLICANT(S): Katherina Babich
 Arpan P. Mahorowala
 David R. Medeiros
 Dirk Pfeiffer

ASSIGNEE
NAME: International Business
Machines Corporation

ASSIGNEE
RESIDENCE: Armonk, New York

TITLE: LITHOGRAPHIC ANTIREFLECTIVE HARDMASK
COMPOSITIONS AND USES THEREOF

MAIL STOP PATENT APPLICATION
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

SIR:

Enclosed are the following papers relating to the above-named application for patent:

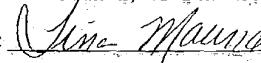
Application - 16 pages of Specification, 5 pages of Claims and 1 page of Abstract
 1 Sheet of informal drawing(s)
 Declaration and Power of Attorney
 Assignment with Recordation Form
 Information Disclosure Statement with PTO Form 1449 and cited reference (1)

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	30 - 20 =	10	x \$18 =	\$180
Independent Claims	3 - 3 =	0	x \$84 =	\$ 0
Multiple Dependent Claim(s), if applicable			\$ 280 =	\$ 0
Basic Fee				\$750
			TOTAL FEE:	\$930

Please file the application and charge International Business Machines Corporation's Deposit Account No. 50-0510 the amount of \$930 to cover the filing fee. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit International Business Machines Corporation's Deposit Account No. 50-0510 as required to correct the error. Duplicate copies of this letter are enclosed.

"Express Mail" Label No.: EV326908224US

I hereby certify that this paper is being deposited with the U. S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Signature: 

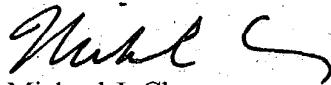
Date: August 5, 2003

17497 U.S. PTO
10/634667
08/05/03



Please address all correspondence to: **Ryan, Mason & Lewis, LLP, 1300 Post Road, Suite 205, Fairfield, CT 06824.** Telephone calls should be made to the under-signed attorney at (203) 255-6560.

Respectfully,



Michael J. Chang
Attorney for Applicants
Reg. No. 46,611
Ryan, Mason & Lewis, LLP
1300 Post Road, Suite 205
Fairfield, CT 06824
(203) 255-6560

Date: August 5, 2003